



**Part Number: 9534**

RS-232, #24-4c, SR-PVC, O/A Foil, PVC Jkt, CMG

## Product Description

Computer EIA RS-232 Cable, 24 AWG stranded (7x32) tinned copper conductors, PVC insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 24  | 7x32      | TC - Tinned Copper | 4                 |

|                  |   |
|------------------|---|
| Conductor Count: | 4 |
|------------------|---|

#### Insulation

| Material                 | Nominal Wall Thickness |
|--------------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.01 in                |

#### Color Chart

| Number | Color |
|--------|-------|
| 1      | Black |
| 2      | White |
| 3      | Red   |
| 4      | Green |

#### Outer Shield Material

| Material           | Material Trade Name | Coverage [%] | Drainwire Material | Drainwire AWG | Drainwire Construction n x D |
|--------------------|---------------------|--------------|--------------------|---------------|------------------------------|
| Aluminum/Polyester | Beldfoil®           | 100 %        | TC - Tinned Copper | 24            | 7x32 mm                      |

#### Outer Jacket Material

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.184 in         | 0.032 in               |

### Electrical Characteristics

#### Conductor DCR

| Nominal Conductor DCR | Nominal Outer Shield DCR |
|-----------------------|--------------------------|
| 25 Ohm/1000ft         | 18 Ohm/1000ft            |

#### Capacitance

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Other Conductor to Shield |
|---|---|
| 33 pF/ft                                | 65 pF/ft  |

#### Current

| Max. Recommended Current [A]     |
|----------------------------------|
| 1.75 Amps per conductor @ 25°C A |

#### Voltage

|                          |
|--------------------------|
| <b>UL Voltage Rating</b> |
| 300 V RMS                |

## Temperature Range

|                       |                          |
|-----------------------|--------------------------|
| UL Temp Rating:       | 80°C (UL AWM Style 2464) |
| Operating Temp Range: | -30°C To +80°C           |

## Mechanical Characteristics

|                                  |               |
|----------------------------------|---------------|
| Bulk Cable Weight:               | 20 lbs/1000ft |
| Max Recommended Pulling Tension: | 22 lbs        |
| Min Bend Radius/Minor Axis:      | 2 in          |

## Standards

|                          |                   |
|--------------------------|-------------------|
| NEC/(UL) Specification:  | CMG               |
| CEC/C(UL) Specification: | CMG               |
| UL AWM Style:            | 2464 (300 V 80°C) |
| CPR Euroclass:           | Eca               |

## Applicable Environmental and Other Programs

|                                       |                               |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV):        | Yes                           |
| EU Directive 2003/11/EC (BFR):        | Yes                           |
| EU Directive 2003/96/EC (BFR):        | Yes                           |
| EU Directive 2011/65/EU (ROHS II):    | Yes                           |
| EU Directive 2012/19/EU (WEEE):       | Yes                           |
| EU Directive 2015/863/EU:             | Yes                           |
| EU Directive Compliance:              | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                           | Yes                           |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-04-01                    |
| CA Prop 65 (CJ for Wire & Cable):     | Yes                           |
| MII Order #39 (China RoHS):           | Yes                           |

## Flammability, LS0H, Toxicity Testing

|                       |                    |
|-----------------------|--------------------|
| UL Flammability:      | UL1685 FT4 Loading |
| CSA Flammability:     | FT4                |
| ISO/IEC Flammability: | IEC 60332-1-2      |
| UL voltage rating:    | 300 V RMS          |

## Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

## Part Number

### Variants

| Item #        | Color  | UPC          | Length   | Footnote |
|---------------|--------|--------------|----------|----------|
| 9534 060Z1000 |        | 612825427476 |          |          |
| 9534.0030     | Chrome |              | 30 m     |          |
| 9534.00U152   | Chrome |              | 152 m    |          |
| 9534.00U305   | Chrome |              | 305 m    |          |
| 9534.01152    | Chrome |              | 152 m    |          |
| 9534.01305    | Chrome |              | 305 m    |          |
| 9534 060U1000 | Chrome | 612825255086 | 1,000 ft |          |
| 9534 060U500  | Chrome | 612825255093 | 500 ft   |          |
| 9534 060100   | Chrome | 612825255109 | 100 ft   |          |
| 9534 0601000  | Chrome | 612825255116 | 1,000 ft | C        |
| 9534 060500   | Chrome | 612825255123 | 500 ft   | C        |
| 9534 0605000  | Chrome | 612825255130 | 5,000 ft |          |

|           |                        |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

## History

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